

Receiving Report

Date: 10/4/26

Batch No: M114488

Supplier: MAGWA

Dart P/O: 11745

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 10105/13 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 10/4/26
 Date
 Received/Costing [Signature]
 Initial

Location _____

Purchase Order Receipt Listing

Page 1 of 2

April 26, 2010 8:31:22 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO11749 Receipt Dates from 4/26/2010 to 4/26/2010 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAG002 Magna Stainless									
PO11749	1		M174R0.750	f	4/28/2010	4/26/2010	48.8000	\$7.50	0.0000	0	\$366.00
CAD	No		17-4 round bar .750	f	40.0000	DCUSER		\$366.00	0.0000	0	
			114488								
	3		M303R0.250	f	4/28/2010	4/26/2010	12.2000	\$0.46	0.0000	0	\$5.59
	No		303 Round Bar	f	12.0000	DCUSER		\$5.59	0.0000	0	
			0.250"								
			114488								
	6		M304S11GA	sf	4/28/2010	4/26/2010	64.0000	\$11.09	0.0000	0	\$710.00
	No		304/316 0.125 Sheet	sf	64.0000	DCUSER		\$710.00	0.0000	0	
			114488								
	8		M5052H32S.040	sf	4/28/2010	4/26/2010	64.0000	\$1.28	0.0000	0	\$82.00
	No		5052-H32 .040 Sheet	sf	64.0000	DCUSER		\$82.00	0.0000	0	
			114488								
	10		M6061T6B0.375X02. f	f	4/28/2010	4/26/2010	20.0000	\$2.00	0.0000	0	\$40.00
	No		000								
			6061-T6 Bar .375 x	f	20.0000	DCUSER		\$40.00	0.0000	0	
			2.00								
			114488								
	11		M6061T6B0.500X02. f	f	4/28/2010	4/26/2010	20.0000	\$2.75	0.0000	0	\$55.00
	No		000								
			6061-T6 Bar .500 x	f	20.0000	DCUSER		\$55.00	0.0000	0	
			2.00								
			114488								
	12		M6061T6R0.500	f	4/28/2010	4/26/2010	40.0000	\$0.50	0.0000	0	\$20.00
	No		6061-T6 Round Bar	f	40.0000	DCUSER		\$20.00	0.0000	0	
			.500"								
			114488								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
------------------------------------	-----------------------------	------------	--	-----------------------	-------------------------------	---------------------------	-------------------------	------------------------------	--	-------------------------------	----------

Total Received Quantity:	269.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$1,278.59
Total Balance Due Quantity:	0.0000



Magna Stainless
5775 Kieran St, Saint-Laurent QC H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

INVOICE

Pg 1 of 1 I026220

RECEIVED APR 30 2010

SOLD TO:

00003858
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY , ON
K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY , ON
K6A 1K7

MTR:Y

INVOICE DATE:	04/26/10
ORDER DATE:	04/23/10
SHIP DATE:	04/26/10
ORDER NUMBER:	W028748
PURCHASE ORDER:	P011749

Currency		Sales Person		Ship Via		F.O.B.		Terms	
CANADIAN DOLLARS		ERYCK BLAIS		NIR:R-557065-1		PREPAID		NET 30 DAYS	
Ln	Back Ordered	Ordered	Unit	Description		Shipped		Price Per	Value
				ALUMINUM FLATS					
		1	PC	AFL 6061 T6 3/8" x 2" x R/L		1	UN	40.00	40.00 ✓
				L038449 20' 1 PC/18 LB					
		1	PC	AFL 6061 T6 1/2" x 2" x R/L		1	UN	55.00	55.00 ✓
				L035288 20' 1 PC/24 LB					
				ALUMINUM ROUND BAR					
		2	PC	ARB 6061 T6 1/2" x R/L		2	UN	20.00	40.00 ✓
				L037860 20' 2 PC/9 LB					
				ALUMINUM SHEET					
		2	PC	ASH 5052 H32 .040" x 48" x 96"		2	UN	41.00	82.00 ✓
				L037085 2 PC/37 LB					
				STAINLESS ROUNDS					
		4	PC	SRB 17-4 ANN 3/4" x R/L		4	UN	75.00	300.00 ✓
				L037218 12'2" 3 PC/54 LB					
				L037841 12'2" 1 PC/18 LB					
		1	PC	SRB 303 1/4" x R/L		1	UN	5.50	5.50 ✓
				L035965 12'2" 1 PC/2 LB					
				STAINLESS SHEET					
		2	PC	SSH 304 2B 11ga x 48" x 96"		2	UN	355.00	710.00 ✓
				F037542 2 PC/336 LB					

04/27/10 10:20:58

PST Exmp No:EXEMPT

Merchandise:	1,232.50
Surcharges:	
No Tax Costs:	
GST	61.63
Total Due:	1,294.13

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471
G.S.T. # 881565899 RT0001



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 2

I026220

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY , ON
K6A 1K7
Contact: CHANTAL

HAWKESBURY , ON
K6A 1K7
Ship Terms: PREPAID



SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO		
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	P011749		
Sales Order	Terms		Ship Via		Date Ordered	Date Required	Date Shipped
W028748	NET 30 DAYS		NIR:R-557065-1		04/23/10	04/26/10	04/26/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM FLATS AFL 6061 T6 3/8" x 2" x R/L			1
			20' 18 LB / 1 PC	L038449	9339	1
1		PC	AFL 6061 T6 1/2" x 2" x R/L			1
			20' 24 LB / 1 PC	L035288	8760	1
2		PC	ALUMINUM ROUND BAR ARB 6061 T6 1/2" x R/L			2
			20' 9 LB / 2 PC	L037860	10030651A	2
2		PC	ALUMINUM SHEET ASH 5052 H32 .040" x 48" x 96"			2
			37 LB / 2 PC	L037085	931191	2
4		PC	STAINLESS ROUNDS SRB 17-4 ANN 3/4" x R/L			4
			12'2" 54 LB / 3 PC	L037218	VBMU-2127	3
			12'2" 18 LB / 1 PC	L037841	VBMU-2127	1
1		PC	SRB 303 1/4" x R/L			1
			12'2" 2 LB / 1 PC	L035965	15732	1
2		PC	STAINLESS SHEET SSH 304 2B 11ga x 48" x 96"			2
			336 LB / 2 PC	F037542	7281937	2

Received by: _____ Date: _____ Signature: _____



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 2 of 2

I026220

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY , ON
K6A 1K7
Contact: CHANTAL

HAWKESBURY , ON
K6A 1K7
Ship Terms: PREPAID



MTR:Y

SPECIAL INSTRUCTIONS

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO		
CANADIAN DOLLARS	ERYCK BLAIS	(613) 632-5200	(613) 632-1053	P011749		
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W028748	NET 30 DAYS	NIR:R-557065-1		04/23/10	04/26/10	04/26/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
Bundles: 1	Skids: 1			Approx	Weight:	498 LB

Received by: _____ Date: _____ Signature: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11749

Purchase Order Date 4/23/10

PO Print Date 4/23/10

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

FAXED
04/24/10

Contact Name
Vendor Phone 800 363 6646
Vendor Fax 514 339 1105
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	4/28/10 Yes	40.00 f	Yours ppd 98.80	\$7.5000	\$300.00
		Special Inst: MATERIAL: 17-4 PH SS ROUND BAR PER AMS 5643 GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD TENSILE STRENGTH = 100 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI					
3	M303R0.250	303 Round Bar 0.250"	4/28/10 Yes	12.00 f	Yours ppd 12.20	\$0.4583	\$5.50
		Special Inst: MATERIAL: AISI 303 SS ROUND BAR NOTE:304/316 NOT ACCEPTABLE					
6	M304S11GA	304/316 0.125 Sheet	4/28/10 Yes	64.00 sf	Yours ppd 100/10/1/26	\$11.0938	\$710.00
		Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALDE 2B FINISHING					

4/23/10

DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11749

Purchase Order Date 4/23/10

PO Print Date 4/23/10

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

		AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240					
8	M5052H32S.040	5052-H32 .040 Sheet	4/28/10 Yes	✓ 64.00 sf	Yours ppd	\$1.2812	\$82.00
		Special Inst:	MATERIAL: 5052H32 ALUMINUM SHEET AS PER QQ-A-250/8 OR AMS-QQ-A- 250/8 OR AMS 4016 OR ASTM B209				
10	M6061T6B0.375X02.000	6061-T6 Bar .375 x 2.00	4/28/10 Yes	✓ 20.00 f	Yours ppd	\$2.0000	\$40.00
		Special Inst:	M6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A- 225/8 OR AMS 4117/4128/4115/4116 OR QQ-A- 200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221				
11	M6061T6B0.500X02.000	6061-T6 Bar .500 x 2.00	4/28/10 Yes	✓ 20.00 f	Yours ppd	\$2.7500	\$55.00
		Special Inst:	AS ABOVE				
12	M6061T6R0.500	6061-T6 Round Bar .500"	4/28/10 Yes	✓ 40.00 f	Yours ppd	\$0.5000	\$20.00
		Special Inst:	AS ABOVE				

PO Total:

\$1,212.50

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 3

Change Date: 4/23/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

CERTIFICAT DE CONFORMITÉ

Ce certificat garantit que le matériel décrit ci-dessous a été produit conformément au manuel d'assurance qualité d'EXTRUDEX ALUMINIUM (QUÉBEC) S.E.C., selon les normes
AMS-QQ-A-200/8

NOM DU CLIENT : MAGNA STAINLESS INC.

VOTRE NO DE COMMANDE : 9622

NOTRE NO DE COMMANDE : 65236-02

NO DE FILIERE : SA-00111

DESCRIPTION : BARRE PLATE 2 x .375

ALLIAGE : 6061

TREMPAGE : T6

DURETÉ (WEBSTER) : 15

NO DE COULÉE : 9339

SIGNATURE : 

EXTRUSIONS D'ALUMINIUM, PEINTURE ET FABRICATION

5/12/2010

770, CHEMIN OLIVIER, SAINT-NICOLAS, (QUÉBEC) G7A 2N2

TÉL.: (418) 831-4444 FAX: (418) 831-7400 INWATT: 1-800-704-4244 COURRIEL: extrudex@extrudex.ca

Steel Chemical Composition By Casting/Supplier

Properties

Cast Number	9338	Supplier	2000	Date Entered	5/15/2010
Alloy	6061	Dieg Number		Received	
Alloy Type	P	Date Cast		Recess Specifications	
Diameter	213	Alloy Variant		Inactive (not inventory)	

Chemical Composition

Si	0.57	Cu	0.05	V	0	Sn	0
Fe	0.21	Mn	0	B	0	Sb	0
Cu	0.2	Zn	0.02	P	0	As	0
Mn	0.06	Ti	0.02	Zr	0	Se	0
Mg	0.84	Ca	0	Bi	0	Other	0

Notes

Supplier's Note	
Exporter's Note	

Mode

- ☐ Import
- ☐ Change
- ☐ Add
- ☐ Delete
- ☐ View

Show All

Date

Import from file

CERTIFICAT DE CONFORMITÉ

Ce certificat garantit que le matériel décrit ci-dessous a été produit conformément au manuel d'assurance qualité d'EXTRUDEX ALUMINIUM (QUÉBEC) S.E.C., selon les normes
AMS-QQ-A-200/8

NOM DU CLIENT : MAGNA STAINLESS INC.
VOTRE NO DE COMMANDE : 6446
NOTRE NO DE COMMANDE : 64955-04
NO DE FILIERE : SA-00574
DESCRIPTION : TIGE RONDE 1/2
ALLIAGE : 6061
TREMPAGE : T6
DURETÉ (WEBSTER) : 14
NO DE COULÉE : 10030651 A

SIGNATURE: 

EXTRUSIONS D'ALUMINIUM, PEINTURE ET FABRICATION

5/12/2010

770, CHEMIN OLIVIER, SAINT-NICOLAS, (QUÉBEC) G7A 2N2

TÉL.: (418) 831-4444 FAX: (418) 831-7400 INWATT: 1-800-704-4244 COURRIEL: extrudex@extrudex.ca

Chemical Composition By Cast Num/Supplier

Cast Num: 10030651A

Alloy: 6061

Aluminum: P

Supplier: 213

4000

Date Rec'd: 3/19/2010

Mode: View

Inquire

Change

Add

Delete

Print

Help

Chemical Composition

Si	=	0.54	=	0.07	=	0	=	0
Mn	=	0.18	=	0	=	0	=	0
P	=	0.19	=	0	=	0	=	0
S	=	0.01	=	0.01	=	0	=	0
Mg	=	0.8	=	0	=	0	=	0

Notes

Supplier's Notes

Material Test Report

Customer Ship To:

Magna Stainless Inc.
5775 Kieran St.

St-Laurent

QB H4S 0A3

Our Order: 366467 - 11

Your PO # PO08411

Part # 05242-000-240

Die: ES05242

Description: .500 x 2.000

Alloy Temper 6061 T6

Print Date: 1/12/2010

Chemical Properties

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others each	others total	Al
0.40-0.8	0.7 max	0.15-.40	0.15 max	0.8-1.2	0.04-0.35	0.25 max	0.15	0.05	0.15	remain

Mechanical Properties

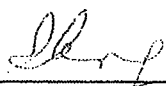
Test ID	Test Date	Cast Num	Strength ksi		Elongation (2" gage length)
			Ultimate	Yield (2% Offset)	
118873	1/12/10	8760	44.40	37.00	18.8

Applicable Specifications: ASTM B221-08 ASTM B308-02 ASTM B429 QQA200/8 QQA200/16

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ryan Saroli - Tensile Testing

Authorized


Evan Eng, Quality Assurance Mgr.

PO08411-8760



impexmetal s.a.

HUTA ALUMINIUM KONIN®

62-510 KONIN ul. Hutnicza 1

Tel. (+48 63) 247 44 22

(+48 63) 247 44 88

Fax. (+48 63) 247 47 89

ORIGINAL

INSPECTION CERTIFICATE

No 315683/05 Date 09-11-23

EN 10204/3.1

Release Order Number R131811

L/C RRRI- 529515

GOODS DESCRIPTION

Alloy	Batch No	Dimensions [mm]		Temper
5052	315683/05	Thickness	1,020	H32
		Width	1219,20	
		Length	L	

CHEMICAL ANALYSIS

Heat/Melt No	Fe	Si	Cu	Mg	Mn	Cr	Ti	Zn	Other
931191	0,385	0,167	0,021	2,378	0,090	0,180	0,017	0,031	

MECHANICAL AND OTHER PROPERTIES

Slab/Coil No	Rm	R _{p0,2}	A ₅₀	Hardness	Other
	[MPa]	[MPa]	[%]	[HB, V]	
9311912	236	194	12	-	-

WE HEREBY CERTIFY THAT THE GOODS COMPLY WITH AMS-QQ-A-250/8A, ASTM B209, ANSI-H35.2 IN ALL RESPECTS

8/10/04/26

impexmetal s.a.
ul. Łucka 7/8 00-848 Warszawa
LABORATORY MANAGER

TRANSPORT and STORAGE CONDITIONS OF ALUMINIUM STRIPS AND SHEETS BY CUSTOMER

Strips (sheets) should be transported by covered, dry and clean means of transport preserving current regulation, protecting it from mechanical damage, humidity and harmful environmental factors.

Strips (sheets) should be stored in covered, dry and clean rooms protecting them from humidity and action of active chemicals. Protection of coil edges against mechanical damage should be taken into special attention. Rusting face damage can cause difficulties in uncoiling process.

The storage temperature room should be stable. Changes of the temperature in stock cause that air moisture is condensed on the strip surface, in consequence of capillary activity, between coils, penetrates inside and inducing corrosion.

Disregard of above mentioned transport and storage conditions absolves supplier from responsibilities for material quality.

315683-05

P007330

C1354



VENUS WIRE INDUSTRIES PVT. LTD.

REGD. OFFICE : 19 RAGHUVANSHI MILL COMPOUND, S. B. MARG, LOWER PAREL, MUMBAI 400 013. (INDIA)

TEL: +91-22-24978840 FAX: +91-22-2478846 E-MAIL: wqc@venuswire.com WEBSITE: www.venuswire.com

ISO: 9001:2000
CERTIFIED

INSPECTION /MILL/QUALITY CERTIFICATE
EN 10204 TYPE 3.1

No. BB/VW/2008-2009/2799

PRODUCT INFORMATION	CUSTOMER	:		GRADE	:	AISI-630
	INVOICE NO.	:	VW/1139/EXP/2008-2009	HEAT NO	:	VBMU-2127
	PRODUCT FORM	:	STAINLESS STEEL BRIGHT BARS	QUANTITY	:	1080.27 LBS
	DIMENSION	:	3/4" ANNEALED	TOL.	:	A484
	IDENTIFICATION	:	YJ 4065,			
	CONDITION	:	SOL.ANNEALED+COLD DRAWN+CENTRELESS GROUND+POLISHED			

CHEMICAL COMPOSITION	ELEMENTS	C%	Si %	Mn %	P %	S %	Cr %	Ni %	Cu %	Mo %	N %	Nb %	Al %	Nb+Ta
	MIN	-----	-----	-----	-----	-----	15.00	3.00	3.00	-----	-----	-----	-----	0.15
	SPECIFIED													
	MAX	0.07	1.00	1.00	0.040	0.030	17.50	5.00	5.00	-----	-----	-----	-----	0.45
	RESULTS	0.027	0.360	0.890	0.040	0.022	15.35	3.900	3.150	0.170	0.035	0.210	0.004	0.2104

MECHANICAL PROPERTIES	ELEMENT	UTS (PSI)	YS (PSI)	R.A. %	ELONGATION %	HARDNESS (BHN)
	MIN	-----	-----	-----	-----	-----
	SPECIFIED					
	MAX	-----	-----	-----	-----	363
	RESULTS	168392	159231	44	13	316

HEAT TREATMENT: 1900°F SOLUTION ANNEALED, SOAKING 02 HOUR RAPID COOL TO BELOW 90°F

REMARKS :

- * MATERIAL IS FREE FROM MERCURY AND RADIUM CONTAMINATION.
- * MATERIAL PRODUCED WITHOUT OZONE DEPLETING SUBSTANCES.
- * CONTACT PROBE THERMOCOUPLES USED TO DETERMINE CHARGE TEMPERATURE.
- * F/C CALIBRATION STANDARD BS STANDARD BS 2M 54:1991
- * MATERIAL CONFORMS TO ASTM A564/A564M-04 TYPE 630, CONDITION SOL.ANNEALED, ASTM A370-05, ASTM E340, ASME SA564/SA564M (AMS 5643Q) AMS 2303E, OCT 2001; AMS 2315E APR 2001.
- * MELTING PRACTICE EAF CONVERTOR TO VOD.
- * NO WELDING PERFORMED.
- * MICROSTRUCTURE : 2.10% FERRITE .
- * REDUCTION RATIO : 1:73.95
- * DISC MACROETCHED AND NO PIPE OR CRACK OBSERVED.
- * AFTER HEAT TREATED TO 900°F, 01 HOUR AIR COOL, TO BELOW 90°F MECHANICAL PROPERTIES :- UTS : 209900 PSI, YS : 194310 PSI, %E : 15, %RA : 47, HARDNESS : 400 BHN.
- * CUSTOMER ORDER NO : VW 70874
- * COUNTRY OF ORIGIN : INDIA

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE CUSTOMER'S REQUIREMENTS, NEEDS AND EXPECTATIONS. MECHANICAL TEST RESULTS ARE TAKEN RANDOMLY FROM THE LOT.

DATE: 29/10/2008



WORK INSPECTOR
V.C.

PLANT : ATKARGAON, TAKAI ADOSHI ROAD, KHALAPUR, KHOPOL, 410203.

2009324-VBMU2127

CHSS

ASTM A564
S17400 TYPE 630 = 17.4PH
OK 04.12.06

VIRAJ IMPOEXPO

(A DIVISION OF VIRAJ PROFILES LTD)
10 IMPERIAL CHAMBERS, 1ST FLOOR,
WILSON ROAD BALLARD ESTATE
MUMBAI 400038-INDIA

TEST CERTIFICATE**CUSTOMER :**

VIRAJ USA INC.
262 WEST, 38TH ST. # 1103
NEW YORK, NY 10018

ORDER NO .

L23467

PACKING LIST NO.

IMP/100370

INSPECTION NO

IMP/100370/9

DATE

12/07/2008

BUNDLE NO .

2019457,2019476,2019492

GRADE

T-303

DESCRIPTION :

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
1/4	ROUND	ASTM A484	12' (-0/+6")	2684	5406

CHEMICAL ANALYSIS**HEAT NO.**

15732

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.071	1.98	0.42	0.302	0.034	8.14	17.43	0.27	0.50	0.031	0.15

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
97	110	42	61	221	7

Specification :

MATERIAL CONFIRMS TO ASTM A581-95B COND A ASTM A 582-05 COND A, A 484-06b, AMS 5640R TYPE I, EXCEPT MARKING, QQS-784B COND A EXCEPT MARKING, UNS-S-30300.

OK P10.04.26

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS. MELT SOURCE AOD, MACRO: GOOD, MICRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1hr/Inch, WATER QUIENCHED, MELTED & PROCESSED IN INDIA.

We hereby certified that the material described above has been tested and complies with the terms of order/contract.



WORK INSPECTOR

S. SUVARNA

P008821 - 15732 (C347)

200 9433

C 1679



AK Steel Corporation
Metallurgical Test Report
Rockport Works
Rockport, IN 47635

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Load No. 9220693
 SRN No. 9220693

MILL ORDER NO. 241851-2349
 PROCESSOR ORDER NO. S17824
 BUYERS ORDER NO. S17824

PART NO.

ENGLISH UNITS -PRODUCT:- METRIC UNITS
 .1200 NOM 48.0000 X COIL

S
10/24/06

COIL ID	PIECE	HEAT	PARENT COIL ID	NET WEIGHT	OUTSIDE PROCESSOR ID
212487-04EA	1	7281937	0212487-04B	13,160 LBS. 5,969 KG.	470338401
212487-04BB	1	7281937	0212487-04B	13,180 LBS. 5,978 KG.	470338402
212487-04BC	1	7281937	0212487-04B	13,150 LBS. 5,965 KG.	470338403
TOTAL COILS	TOTAL PIECES			TOTAL NET WEIGHT	
3	3			39,490 LBS. 17,912 KG.	

P 041548
 P 041549
 P 041550

Ladle Analysis of Heat

P-Product Analysis of Parent Coil

CHEMICAL ANALYSIS

ID	C	MN	P	S	SI	CR	NI	MO	N	CU						
L 7281937	.022	1.491	.029	.0011	.369	18.23	8.24	.23	.0330	.38						

SHIPPING DATE: 02/06/2009

REMARKS:

NO INTENTIONAL ADDITIONS OF MERCURY OR MERCURY COMPOUNDS WERE
 MADE OR USED THROUGHOUT THE PROCESSING AND TESTING OF THIS MATERIAL
 MATERIAL FREE OF RADIOACTIVE ISOTOPES
 MELTED AND MANUFACTURED IN THE USA

PRODUCT DESCRIPTION

CR SRT TYPE 304/304L STAINLESS #2B FINISH SLIT EDGE * ASTM A 240 -08 * ASTM A 480 -08 EX PARA 25.1.1.3 COIL WILL BE TAGGED ON O
 UTSIDE ONLY * ASME SA-240 SECTION II PART A (2004 ED. 2005 ADDENDUM) * ASME SA-480 SECTION II PART A (2004 ED. 2005 ADDENDUM) * AS
 TM A 262 -02A2Z PRACTICE E * EN 10204: 2004 (E) TYPE 3.1 * ASTM A 666 -03 EX 7.1 TEST SPECIMENS WILL BE SELECTED IN THE TRANSVE
 RSE TEST DIRECTION IN ALL CASES * AMS 5511 H

PARENT COIL ID	POS (F/T)	DIR (L, T, D)	COND	% ELONG	TENSILE STRENGTH (KSI)	Y.S. 1% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front			
0212487-04B	T	T	A.S.T.M	52.7	92.2	49.9	B 88	B 87			

*** CONTINUED ON NEXT PAGE ***